

## Case Creation Option

*Case "10751962us20080109" already exists. Please overwrite it or cancel the operation.*

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### The Contents of Case "10751962us20080109"

Qnum	Query	DB Name	Thesaurus	Operator	Plural
Q1	(break or burst or crack or macerate) near5 (yeast or (Saccharomyces cerevisiae) or (Candida shehatae)or Saccharomyces or candida)	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q2	rozen near5 (liquid nitrogen)	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q3	frozen near5 (liquid nitrogen)	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q4	(yeast or (Saccharomyces cerevisiae) or (Candida shehatae)or Saccharomyces or candida)	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q5	separat near5 fraction	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q6	separat\$5 near5 fraction	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q7	(column chromatography) or (gel or ("G25") near5 filtration)	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q8	((cell lysis) near5 extract) or (crude near5	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES

	(cell extract))				
Q9	(gel permeation chromatography)	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q10	Q3 same Q4	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q11	Q1 same Q10	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q12	Q1 same Q3	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q13	Q10 same Q8	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q14	Q6 same Q13	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q15	Q6 and Q13	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q16	Q9 and Q13	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q17	Q8 and Q10	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q18	Q9 and Q17	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q19	(molecular weight) near 5 siev\$5	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q20	Q13 and Q19	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q21	Q17 and Q19	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q22	(crude near 5 (cell extract))	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q23	Q22 near 5 Q7	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q24	Q22 near 5 Q4	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q25	Q23 same Q24	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q26	Q23 near 5 Q24	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q27	Q23 and Q24	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q28	Q23 and Q17	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q29	Q24 and Q17	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q30	Q24 and Q13	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q31	Q23 and Q13	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q32	Q23 and Q19	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q33	Q23 and Q22	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q34	Q33 and Q19	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q35	Q33 and Q6	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES

Q36	Q33 and Q7	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q37	Q9 and Q36	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q38	Q13 and Q36	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q39	Q17 and Q36	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q40	purif\$6 near5 (crude cell extract)	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q41	("gel near5 filtrat\$7")	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q42	(gel near5 filtrat\$7)	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q43	Q4 and Q40	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q44	Q43 and Q19	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q45	Q42 and Q19	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q46	Q40 and Q45	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q47	Q22 and Q45	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q48	Q47 and @pd > 20060918	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES
Q49	Q48 and @pd > 20070611	PGPB,USPT,USOC,EPAB,JPAB,DWPI	None	ADJ	YES

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# US PATENT & TRADEMARK OFFICE

## PATENT APPLICATION FULL TEXT AND IMAGE DATABASE



( 1 of 1 )

**United States Patent Application****20040137560****Kind Code****A1****Suzuki, Takashi ; et al.****July 15, 2004**

**Yeast extract solution for cell-free protein synthesis, method for preparation thereof and method for cell-free protein synthesis using same**

### **Abstract**

The present invention provides a preparation method of a yeast extract solution for cell-free protein synthesis, which solution is easy to prepare and is capable of synthesizing a higher amount of a protein than by conventional yeast extract solutions, the yeast extract solution, a cell-free synthesis method of protein, which uses the yeast extract solution, and a kit for cell-free protein synthesis containing the yeast extract solution. The method of the present invention includes rupturing a yeast cell in a frozen state, and obtaining an extract thereof.

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### *Foreign Application Data*